

INGRISCH. B.

Chemical engineering nomographs.

(Supplement) p. III. (Chemický Průmysl. Vol. 7, no. 10, Oct. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

INGRISH

CZECHOSLOVAKIA / Chemical Technology. Processes &
Equipment.

H

Abs Jour: Ref Zhur-Khimiya, No 12, 1958, 39854.

Author : Ingrish.

Inst : Not given.

Title : Nomograph Chart for the Computation of the Heat
Transfer in Apparatus Equipped with a Stirrer.

Orig Pub: Chem. Prumysl, 1957, 7, No 12, 656-657.

Abstract: A nomograph chart is given, corresponding to the
equation

$$Nu = 0.08Re^{0.75}Pr^{0.37}.$$

Card 1/1

CZECHOSLOVAKIA / Chemical Technology. Chemical Products E-2
and Their Application. Chemical Engin-
eering.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 77929.

Author : Ingrisch, Bedrich.

Inst : Not given.

Title : Nomogram for Determination of Losses of Heat in
Insulated Pipe-Lines.

Orig Pub: Chem. promysl, 1958, 8, No 3, 136-140.

Abstract: No abstract.

Card 1/1

INGRISCH, Bedrich

Forming of dew on insulated tubes. Chem prum 12 no.2:86-87 F 162.

INGRISCH, Bedrich

Self-supportedness of pipelines. Chem prum 12 no.3:141-143 Mr
'62.

L 39824-66 GD-2

ACC NR: AF6020004

SOURCE CODE: CZ/0079/65/007/003/0291/0291

AUTHOR: Nahunek, K. (Brno); Misures, J.; Rodova, A.; Ingrova, I.; Bartova, D. ¹⁸

ORG: Psychiatric Clinic, J. Ev. Purkyně University, Brno; Psychiatric Hospital, Brno

TITLE: Some clinical and experimental experience with proheptatrien ²² [This paper was presented at the 7th Annual Psychopharmacological Meeting, Jeseník, 20-23 January 1965]

SOURCE: Activitas nervosa superior, v. 7, no. 3, 1965, 291

TOPIC TAGS: therapeutics, drug treatment, psychoneurotic disorder

ABSTRACT: 42 women suffering from endogenic and involuntional depression were treated with the drug. 24 patients showed favorable results and could be discharged. There were frequent side effects. 5 of the patients suffering from severe depression showed deterioration; 2 recovered after transfer to placebo; 3 were cured with electroconvulsions. In the course of the treatment no decrease in photometrazol threshold values could be found. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1 ⁴⁵

INGROVA, L.; BOJANOVSKY, J.; CHLOUPKOVA, K.

Treatment of endogenous depressions with intermittent doses
of reserpine. *Activ. nerv. sup.* 5 no.2:183-184 My '63.

1. Psychiatricka klinika lebarske fakulty UJEP, Brno.
(RESERPINE) (DEPRESSION)
(MONOAMINE OXIDASE INHIBITORS)
(SCHIZOPHRENIA) (PARANOIA)

INGSTER, Adolf

Effectiveness of the treatment of neuroses by prolonged hypnosis
after W. E. Rosnow. Neur. &c. polska 5 no.6:689-693 Nov-Dec 55.

1. Z Terenowej Psychiatryi Zdrowia Psychicznego w Sosnowcu
Filii Wojewodskiej Psychiatryi Zdrowia Psychicznego w Stalinogrodzie.

Kierownik: dr. A. Ingster

(NEUROSES, ther.

hypnosis after W. E. Rosnow)

(HYPNOSIS, ther. use

neuroses, after W. E. Rosnow)

LINDTROP, G.T.; KHORAVA, G.V.; INGUL'SKAYA, I.I.

Effect of associated helminthiasis on the course of typhoid fever and problems of helminth eradication in infectious diseases. Med. paraz. i paraz. bol. 27 no.4:419-422 J1-Ag '58. (MIRA 12:2)

1. Iz Gudatskoy infektsionnoy bol'nitsy Ministerstva zdравookhraneniya Abkhazskoy ASSR.

(HELMINTH INFECTIONS, compl.
typhoid fever (Rus))

(TYPHOID FEVER, compl.
helminth infect. (Rus))

LINDTRON, G.T.; IHORAVA, G.V.; INGUL'SKAYA, I.I. .

Treatment of necatoriasis, ascariasis, enterobiasis, and trichocephaliasis with bifonium hydroxynaphthoate (preparation "alcopar").
Med.paraz.i paraz.bol. 29 no.4:409-413 J1-Ag '60.

(MIRA 13:11)

1. Iz: Gudautskoy infektsionnoy bol'nitsy Ministerstva zdравookh-raneniya Abkhazskoy ASSR.

(ANTHELMINTICS) (WORMS, INTESTINAL AND PARASITIC)

S/081/61/000/024/053/086
B150/B102

AUTHORS: Tikhonov, V. A., Ingul'skaya, I. S.

TITLE: The influence of hydrothermal processing and of surface-active substances upon the variation of the mechanical strength of aluminous cement

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 24, 1961, 363, abstract 24K312 (Dokl. L'vovsk. politekhn. in-ta, v. 2, no. 2, 1958, 144 - 149)

TEXT: Tested surface-active additives (CSE(SSB), sodium stearate, phthalic acid) reduce the strength of the mortar in aluminous cement on setting at normal temperature, but at the same time some additives (SSB, sodium stearate) inhibit the reduction of strength of the mortars in hydrothermal processing. [Abstracter's note: Complete translation.]

Card 1/1

Expt. 1531
INGUL'TSOV, V.L., insh.

Determining stresses in the blading elements of radial-flow turbines.
Energomashinostroenie 4 no.1:18-21 Ja '58. (MIRA 11:1)
(Turbines--Blades) (Strains and stresses)

S/114/60/000/003/002/008
E073/E335

AUTHORS: Inzul'tsov, V. L., Engineer and
Ivanova, M. I., Engineer

TITLE: Some New Reports of KhTGZ imeni Kirov.

PERIODICAL: Energomashinostroyeniye, 1960, No. 3,
p. 18

TEXT: Investigation on analogues of the cooling of a rotor of the turbine CKP-100 (SKR-100). Use of a cooling system in the turbine SKR-100 enabled using pearlitic steels for the manufacture of the rotor and the body in spite of the high initial steam parameters ($t = 650^{\circ}\text{C}$, $p = 300\text{ atm}$). Calculations are given of the steam parameters for investigations on the analogues. Furthermore, the test set-up and the method of evaluating the test results are described. (Report D-1156). Tests of a moistening device in the receiver of a turbine type ПРК-150 (PVR-150) on the works' test bed. The development of moistening apparatus and the lowering of the temperature of the exhaust pipe during

Card 1/4

✓

S/114/60/000/003/002/008
E073/E335

Some New Reports of KhTGZ imeni Kirov

no-load operation are described. Basically, the most important problem was that of the design of the nozzle. A number of measures are described which improve the quality of atomization and increase the delivery rate of the nozzle (Report D-1157). Tests of the governor system of a turbine type PBK-150 (PVK-150) on the works' test bed. The setting of the individual mechanisms (speed governor, automatic hydraulic safety device, etc.) is described and also their joint testing. The system has a good stability when operating under various conditions.

Overspeed tests on a full-scale model of a welded rotor of the low-pressure cylinder of a turbine type PVK-150. A method of overspeed testing ($n = 3640$ r.p.m.) is described and the results of strain gauge measurements as well as data on bearing vibrations are analysed. (Report D-1169).

Card 2/4

S/114/60/000/003/002/008
E073/E335

Some New Reports of KhTGZ imeni Kirov

Communications on strength tests on a model of a two-support runner blade root. The results of strain-gauge strength tests on flat steel analogues are given. The tests have shown that this type of fixing is reliable for the given load conditions (Report D-1190).

Investigation of the metal of an experimental forging of a full-scale rotor of steel 3A756 (E1756) (first stage). The authors investigated the properties of the material of an experimental full-scale rotor produced from a 43-ton ingot. The results of tests in the supply works, of the reception tests at KhTGZ and of metallographic investigations as well as the chemical composition and the mechanical properties of the metal in the individual parts of the forging are given. Metallographic investigations of material from various parts of the forging have shown that the microstructure is uniform, fine-grain and consists of sorbite and ferrite grains. The relation between the structural components throughout the entire cross-section and length

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S/114/60/000/003/002/008
E073/E335

Some New Reports of KhTGZ imeni Kirov

of the investigated parts of the forging were: 30 to 40% ferrite and 60 to 70% sorbite. Detailed investigation of the properties of the material of individual parts of the forging have revealed that along the entire length of the forging the metal on the periphery zones has uniform strength properties which decrease on approaching the bore. The plastic properties of the material of the neck are uniform throughout the cross-section and are in accordance with specifications. There was a great variance in the values of δ and Ψ , which increase on approaching the bore. The impact strength did not correspond to the specifications throughout the cross-section and the length of the investigated parts of the forging. On the basis of impact tests of specimens cut in the axial and the tangential directions in various zones of the forging, it was established that the critical brittleness zone of this steel is at a temperature near to room temperature (Report No. 297).

(Note: This is a complete translation.)

Card 4/4

INGUL'TSOV, V.L., inzh.; IVANOVA, M.I., inzh.

Some recent works of the Kirov Turbogenerator Plant in
Kharkov. Energomashinostroenie 6 no.3:18 Mr '60.
(MIRA 13:6)

(Kharkov--Turbogenerators)

S/114/60/000/008/008/010
E194/E255

AUTHORS: Ingul'tsov, V. L. and Ivanova, M. I., Engineers
TITLE: Some New Works of the Khar'kov Turbo-Generator Works
imeni Kirov
PERIODICAL: Energomashinostroyeniye, 1960, No. 8, p. 45
TEXT: Brief details are given of articles of the following
titles: Tests on a steam-jet ejector Type ЭП-3-25/65 (EP-3-25/65);
Strength tests on the body of a stopvalve (with flangeless connec-
tion) for turbine Type ПБК-150 (PVK-150); Strain-gauge strength
tests on the dividing diaphragm of turbine Type PVK-150; Some
results of converting governor-system valves of turbine PVK-150 to
rotary motion; The development of an ultrasonic method of inspect-
ing welded joints; and An investigation of means of reducing sand
pick-up on steel castings. ✓

Card 1/1

INGUL'TSOV, V.L., inzh.

Designing the diaphragm as a semicircular ring on an elastic
supporting contour. Energomashinostroenie 7 no.11:1-5 N '61.
(MIRA 14:11)

(Steam turbines)

(Diaphragms (Mechanical devices))

INGUL'tsov, V.L.

PHASE I BOOK EXPLOITATION

SOV/6341

Shubenko-Shubin, Leonid Aleksandrovich, Corresponding Member,
Academy of Sciences USSR, David Mikhaylovich Gerner, Natan
Yakovlevich Zel'des, Vilor L'vovich Ingul'tsov, Vladimir
Zel'manovich Kogan, Moisey Yosifovich Pokrassa, Sergey Petro-
vich Sobolev, Viktro Pavlovich Sukhinin, Apatolii Vitol'dovich
Trzhetsinskiy, Avadiy Yefimovich Shneydman

Prochnost' elementov parovykh turbin (Strength of Steam Engine Parts).
Moscow, Mashgiz, 1962. 567 p. Errata slip inserted. 4000 copies
printed.

Reviewer: B. M. Panshin; Ed.: R. A. Nikiforova, Engineer; Tech. Ed.:
M. S. Gornostaypol'skaya; Chief Ed.: Mashgiz (Southern Dept.):
V. K. Serdyuk, Engineer.

PURPOSE: This book is intended for steam-turbine designers and service
and engineering personnel in the steam-turbine industry. It may
also be useful as a special textbook for teachers and students
specializing in the steam- and gas-turbine industry.

Card 1/4

Strength of Steam Engine Parts

SOV/6341

COVERAGE: This book contains material on the structural strength problems of all basic steam-turbine parts. Industrial methods of calculating turbine blades, disks, rotors, diaphragms, housings, etc., some described for the first time, are given. Metal strength and methods for its control are described in detail.

TABLE OF CONTENTS [Abridged]:

Foreword

3

PART I. METALS FOR THE PRINCIPAL PARTS OF
STEAM TURBINES AND PERMISSIBLE STRESSES

Ch. I. Fundamental Properties of Applicable Metals

5

Ch. II. Permissible Stresses

24

Card. 2/4

INGUL'TSOV, V.L., inzh.; MOSTOSLAVSKAYA, V.M., inzh.

Temperature stresses in composite pipe connections.
Energomashinostroenie 11 no.11:10-12 N '65.

(MIRA 18:11)

SHUBENKO-SHUBIN, Leonid Aleksandrovich; GERNER, David Mikhaylovich;
ZEL'DES, Natan Yakovlevich; INGUL'TSOV, Vilor L'yovich;
KOGAN, Vladimir Zel'manovich; POKRASSA, Moisey Iosifovich;
SOBOLEV, Sergey Petrovich; SUKHININ, Viktor Pavlovich;
TRZHETSINSKIY, Anatoliy Vitol'dovich; SHNEYDMAN, Avadiy
Yefimovich; PANSIN, B.M., retsenzent; NIKIFOROVA, R.A., inzh.,
red.; GORNOSTAYPOL'SKAYA, M.S., tekhn. red.

[Strength of steam-turbine elements] Prochnost' elementov paro-
vykh turbin. Pod red. L.A. Shubenko-Shubina. Moskva, Mashgiz,
1962. 567 p. (MIRA 16:2)

1. Chlen-korrespondent Akademii nauk Ukr.SSR (for Shubenko-Shubin).
(Steam turbines)

L 07729-67 EWT(d)/EWT(m)/EWP(w)/EWP(k) IJP(c) EM/JAJ/RM/JKT(CZ)
ACC NR: AT6033812 SOURCE CODE: UR/3052/66/000/006/0205/0212

AUTHOR: Karnozhitskiy, V. P. (Khar'kov); Ingul'tsov, V. L. (Khar'kov)

ORG: none

TITLE: Effect of thermal stresses on the stability of an asymmetrical-
construction sandwich wing panel ²⁶

SOURCE: Nauchnoye soveshchaniye po teplovym napryazheniyam v elementakh
konstruktsiy. 6th, Kiev, 1966, Teplovyie napryazheniya v elementakh
konstruktsiy (Thermal stresses in construction elements); doklady
soveshchaniya, no. 6. Kiev, Naukova dumka, 1966, 205-212

TOPIC TAGS: thermal stress, sandwich panel, sandwich plate, wing skin,
wing sandwich skin, panel buckling, sandwich plate buckling, plastic
buckling, thermal buckling ²⁶

ABSTRACT: A rectangular sandwich panel of a wing skin supported along
the pairs of opposite sides by spars and ribs is subjected to compres-
sion forces in span direction uniformly distributed along the face
layers, and to thermal stresses caused by the temperature difference
between the outer (hotter) and inner face layers. The sandwich panel
is of asymmetrical construction as related to the thickness and material
of faces. The effect of thermal stresses on the stability of such a

Card 1/2

L 07799-67

ACC NR: AT6033812

0

panel is discussed, assuming that the panel is plane and has peculiar boundary conditions: it is supposed to be clamped along all its sides as related to the action of thermal stresses, and to be hinged when discussing its buckling. The thermal stresses in the face layers are discussed first, and equilibrium equations for them are established. The expressions for displacements and stresses in the core satisfying the general equations of the theory of elasticity are given. The condition of joint deformation of the sandwich as a whole is used in deriving an expression for determining the buckling load of the inner face layer. The effect of the magnitude of the layer-temperature differences and of their rigidity parameters on the buckling load is discussed, and an empirical formula for calculating the buckling stresses beyond the proportional limit is recommended. The results of calculation were verified by experimental investigation of buckling of honeycomb sandwich shells with widely varying geometrical parameters; the thermal stresses were produced by heating one face and cooling the other. The discrepancies between the analytically and experimentally determined buckling stresses did not exceed 10%, and only in single cases increased up to 20%. Orig. art. has: 1 figure and 13 formulas.

SUB CODE: 10/13/ SUBM DATE: none/ ORIG REF: 005/ ATD PRESS: 5101

Card 2/2 LS

INGUSZ, J.

"Study of the rapid souring of egg barley and browned flour." *Élelmezési Ipar, Budapest*, Vol. 8, No. 5, May 1954, p. 143.

SO: Eastern European Accessions List, Vol. 3, No. 11, Nov. 1954, L.C.

L 38255-56

ACC NR: AP6028648

SOURCE CODE: UR/0020/66/166/006/1484/1487

AUTHOR: Ingvar, D.; Mchedlishvili, G. I.; Ekberg, R.

ORG: Institute of Physiology, AN GruzSSR (Institut fiziologii AN GruzSSR)

TITLE: Quantitative measurements of blood flow in the cerebral cortex in connection with spasmodic activity

SOURCE: AN SSSR. Doklady, v. 166, no. 6, 1966, 1484-1487

TOPIC TAGS: cerebral cortex, blood circulation, nervous system drug

ABSTRACT: A recently developed quantitative method for measuring the increase of blood flow in the brain, based on measuring in small areas of the cortex, was used to measure blood flow in the parietal cortex associated with intensification of its activity by direct application of strychnine. An attempt was made to compare the number of spasmodic discharges in the cortex with the intensity of cortical blood circulation. It was found that the spasmodic discharges were accompanied by an increase in blood flow, but there was no parallelism between the two phenomena. This article was presented by Academician I. S. Beritashvili on 17 November 1965. Orig. art. has: 2 figures.
[JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: 11Nov65 / ORIG REF: 008 / OTH REF: 012

Card 1/1 ML

UDC: 612.824.825+616.853.7

ALSHINBAYEV, M.R.; AMELIN, V.P.; ANDRIANOVA, O.V.; GASIYEV, Zh.;
DEGRAF, G.A.; INKAREEKOVA, A.B.; KOLOMYTSEV, I.V.; KOLTUSHKIN,
I.S.; MALAKHOV, V.P.; MONASTYRSKIY, A.O.; REZNIKOV, B.N.;
SAKHAROV, I.V.; SENNIK, V.K.; SOSNIN, V.A.; SURKO, V.I.;
SURKOV, Ye.P.; SYRLYBAYEV, S.N.; USIKOV, N.V.; UCHAYEV, A.F.;
SHESTOPALOV, Ye.V.; SHERMAN, R., red.; GOROKHOV, L., tekhn.
red.

[Study manual for a machinery operator] Uchebnik-spravochnik
mekhanizatora. Alma-Ata, Kazsel'khozgiz, 1963. 326 p.

(MIRA 16:12)

1. Alma-Ata, Kazakhskiy gosudarstvennyy sel'skokhozyaystven-
nyy institut. Fakul'tet mekhanizatsii. 2. Sotrudniki fakul'-
teta mekhanizatsii Kazakhskogo gosudarstvennogo sel'sko-
khozyaystvennogo instituta (for all except Sherman, Gorokhov).
(Agricultural machinery)

INIKHOV, Georgiy Nikolayevich; PCHELINTSEVA, G.M., red.; POPOVA,
S.M., tekhn. red.

[Alpha, beta, gamma, and neutron emitters for checking
and calibrating dosimetric and radiometric apparatus]
Al'fa-, beta-, gamma- i neitronnye izluchateli dlia kon-
trolia i graduirovki dosimetricheskoi i radiometricheskoi
apparatury; spravochnik. Moskva, Gosatomizdat, 1963. 76 p.
(MIRA 16:7)

(Radiation—Measurement)

1ST AND 2ND EDITIONS		3RD AND 4TH EDITIONS	
PROCESSING AND PROPERTY INDEX			
<p>2A INIKHOV, G [S]</p> <p>Determination of the density (instead of the specific gravity) of milk. G. Inikhov. <i>Melkhnno-Mashkole'skiy</i> <i>Prilozh.</i> 1939, No. 7-18-19; <i>Khim. Referat. Zhur.</i> 1939, No. 7, 89. For milk the difference between the sp. gr. at 15° detd. with a milk areometer standardized at 15°/15° and the d. of the same milk at 20° detd. with a milk areometer standardized at 20°/4° is 0.0012 (or 1.2° of the areometer). In detg. the d. of milk with an areometer marked "15" (for the detn. of the sp. gr. at 15°) it is necessary to subtract 1.2° from the obtained value of the sp. gr. No subtractions are necessary if the areometer is marked "20". A table is given by means of which the values of the lactometer (which shows the d. directly) can be corrected to 20°. W. K. Henn</p>			
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION			
FROM STATION		FROM STATION	
100000 2d		100000 2d	
100000 2d		100000 2d	

1ST AND 2ND GROUPS										3RD AND 4TH GROUPS									
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
INIKHOV, G. [5.]										12									
CA										<p>Determination of active pepsin and abomasum powder by means of a solution of dry milk. (1) Inikhov, A. Gorbacheva and G. Lavrova. <i>Afrazayn</i> No. 10, No. 11-12, 41-2; <i>Khim. Referat. Zhur.</i> 1940, No. 6, 130. The activity of pepsin and abomasum enzymes is best detd. with a 12% soln. of dry defatted milk. Milk dissolves best in water at 45-50°. Keeping the soln. at room temp. longer than 3 hrs. changes its physical state and accelerates the coagulation of proteins; it can be kept for about 1 day at 12°. Make the detn. as described in C. A. 34, 50A24.</p> <p>W. R. Heim</p>									
ASM-31A METALLURGICAL LITERATURE CLASSIFICATION																			
12000 1701011VM										12000 1701011VM									
12000 1701011VM										12000 1701011VM									

STANDARD INFORMATION REPORT																	
TITLE AND THE SUBJECT																	
PROCESSING AND SUBMITTING OFFICE																	
<p>TITIKHOV, G. [S.]</p> <p>CA</p> <p style="text-align: right;">12</p> <p>Vitamin C in milk. O. Izhikov and G. Lavrova. <i>Melkoshcheg. Prom.</i> 1960, No. 1, 4-5; <i>Khim. Repts. Zhur.</i> 1960, No. 2, 42.—The content of vitamin C in milk varied considerably, depending on the condition and individual peculiarities of the cows. Keeping and processing the milk destroyed up to 45% of the initial amt. of vitamin C. It is recommended to keep milk at low tempa. under conditions of a min. access of the air. W. R. Henn</p>																	
<p>ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION</p> <p>EDM COPY</p> <p>EDM COPY</p>																	
<p>EDM COPY</p> <p>EDM COPY</p>																	

<p>INIKHOV, G. [5.] ca</p>		<p>PROCESSES AND PROPERTIES INDEX</p>	
<p>Drop method of determining the activity of pepsin in a solution of dry milk. G. Inikhov, A. Gorbacheva and G. Lavrova. <i>Mysl'skaya Ind.</i> 1966, No. 4, 25-6. — Mix (1) ml. of a 12% soln. of dry milk at 37° with 0.5 ml. of a 2% CaCl₂ soln., add rapidly 0.5 ml. of a 1% pepsin soln. and pour into a Gorch funnel tube placed in a water bath at 37°. The funnel tube has a straight dropping pipet attached to its lower end with a rubber tubing and a Hoffman screw. The pipet and tubing extend outside of the bath. Release the pressure on the rubber tubing and allow the liquid to flow at the rate of 20-30 drops/min. until it curdles. Compare the time required for curdling with that of a 1% standard rennet powder. U. Z. Kamich</p>		<p>12</p>	
<p>ASS-51A METALLURGICAL LITERATURE CLASSIFICATION</p>			
<p>100000 1/2</p>		<p>100000 1/2</p>	

INIKHOV, G. S.

20927 Inikhov, G. S. Biokhimiya molochnogo dela i yeye dostizheniya v Sovetskom Soyuze. Sbornik dokladov Pervoy Vsesoyuz. konf-tsii po molech. delu. M, 1949, s. 67-80

SO: LETOPIS ZHURNAL STATEY -Vol. 28, Moskva, 1949

CLASSIFICATION		PROCESSING AND PREPARATION		REMARKS	
1	2	3	4	5	6
<p>1. INIKHOV, G. [S.]</p> <p>CA</p>		<p>Determination of fat in milk. (G. Inikhov, <i>Molochkovskaya Prom. St.</i>, No. 4, 40-3 (1949).—Historical and descriptive review of procedures commonly used</p> <p>G. M. K.</p>		<p>1.2</p>	
<p>2. ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION</p>					
<p>3. INDEXING</p>		<p>4. COLLECTION</p>		<p>5. REMARKS</p>	
<p>6. REMARKS</p>		<p>7. REMARKS</p>		<p>8. REMARKS</p>	

ИНИКОВ, Г. С.

Agriculture

Chemistry of milk and milk product, Moskva, pishchepromizdat, 1951.

Monthly List of Russian Accessions, Library of Congress, December 1952. Unclassified.

INIKHOV, G. [S.]

Chemical Abstracts
May 25, 1954
Foods

① Milk proteins, their nutritive and production importance.
G. Inikho. *Molokhnaya Pish* 15, No. 1, 41-4 (1954).
A review of physicochem. properties and nutritive value of
milk proteins (1), including a discussion of the relation be-
tween the breed of the cow, stage of lactation, feeding prac-
tices, and 1 content of milk. The data concerning 1 con-
tent of milk as influenced by the breed and stage of lacta-
tion of the cow.
Vladimir N. Krukotsky

✓ Quality of fat stored for 30-52 years. *Sci. Rep. 1953*
Ann. Stenoh. Lab. Univ. Victoria, Soc. Sci. 1953
Ann. Stenoh. Lab. Univ. Victoria, Soc. Sci. 1953
Ann. Stenoh. Lab. Univ. Victoria, Soc. Sci. 1953
 303-6 (1953) — Dried butterfat made on several occasions
 during 1901-27 was stored in glass jars in darkness in room
 temp. It was analyzed when fresh and again in 1928 and
 1953, and the results are given for 25 samples. The only
 52-yr. old sample had somewhat higher volatile acid and
 sapon. nos. and a considerably higher i no. than the fresh sam-
 ple; the i no. was extremely high (118.37). The other
 younger samples (made since 1913) showed the same ten-
 dency in respect of volatile acid and sapon. nos. but, in con-
 tract, the i no. with one exception, had fallen somewhat
 considerably, the min. value found being 1.50 in a 22-yr. old
 sample. Acidity usually increased greatly during storage,
 some typical values on exam. in 1953 being 22, 26, and
 147° [1°?], as compared with 0.5-2.40° initially. Alko-
 hols content and the peroxide no. increased in the period
 between 1928 and 1953, but there was no relation between
 the final levels and the age of the butter. Organoleptic tests
 revealed pronounced rancidity and bitter flavors in most of
 the samples. Bleaching was noted in many cases, and
 some samples turned gray; a few retained the original color.
 The 52-yr. old specimen was fluid. *E. J. C.*

KING, N.; VLODAVETS, I.N. [translator]; INIKHOV, G.S., doktor khimicheskikh nauk, professor, zaslushennyy deyatel' nauki, redaktor; VASIL'YNA, G.N., redaktor; YAROV, E.M., tekhnicheskiy redaktor

[The milk fat globule membrane and some associated phenomena.
Translated from the English] Obolochki shirovykh sharikov moloka i
svyazannye s nimi yavleniya. Perevod s angliiskogo I.N.Vlodavets.
Pod red. G.S.Inikhova. Moskva, Pishchepromizdat, 1956. 93 p.
(Milk) (MLRA 10:3)

INIKHOV, G.S.,

DAVIDOV, Ruben Bagdasarovich; GUL'KO, Liya Yefimovna; YERMAKOVA, Mariya Alekseyevna; BUKIN, V.N., professor, doktor biologicheskikh nauk, retsenzent; INIKHOV, G.S., professor, doktor khimicheskikh nauk, retsenzent; DEVIATIN, V.A., kandidat khimicheskikh nauk, spetsredaktor; AKIMOVA, L.D., redaktor; CHEBYSHEVA, Ye.A., tekhnicheskii redaktor

[Principal vitamins in milk and milk products] Osnovnye vitaminy v moloke i molochnykh produktakh. Moskva, Pishchepromizdat, 1956.
229 p. (MIRA 9:8)

(MILK) (VITAMINS)

INIKHOV, Georgiy Sergeyevich, zasluzhennyy deyatel' nauki i tekhniki,
doktor khimicheskikh nauk, professor; PEROV, S.S., retsenzent;
SEMINETS, Z.F., retsenzent; GORYAYEV, M.I., spetsredaktor;
AKIMOVA, L.D., redaktor; GUTLIB, E.M., tekhnicheskii redaktor

[Biochemistry of milk and milk products] Biokhimiya moloka i
molochnykh produktov. Moskva, Pishchepromizdat, 1956. 294 p.
(MIRA 10:1)

(Milk--Analysis and examination)

L. V. K. H. O. V. G. I. S.

INIKHOV, Georgiy Sergeyevich, zaslushennyy deyatel' nauki i tekhniki, doktor
khimicheskikh nauk; MZIMOV, G.I., retsenzent; APANAS'YEV, P.V.,
retsenzent; GLAGOLEV, Yu.F., retsenzent; D'YACHENKO, P.F., retsenzent;
KRYTOVICH, V.L., spetsredaktor; AKIMOVA, L.D., redaktor; GOTLIB, N.M.,
tekhnicheskii redaktor

[Biochemistry of milk] Biokhimiia moloeka. Moskva, Fishchepromizdat,
1956. 342 p. (MLRA 10:3)
(MILK--ANALYSIS AND EXAMINATION)

INIKHOV, G.S.

BENEDIKTOV, I.A., redaktor; GRITSSENKO, A.V., redaktor; IL'IN, M.A., zamestitel' glavnogo redaktora, LAPTEV, I.D., LISKUN, Ye.F.; LOBANOV, P.P., glavnyy redaktor; LYSENKO, T.D.; SKRYABIN, K.I.; STOLNEVOV, V.N.; PAVLOV, G.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SOKOLOV, H.S., professor, nauchnyy redaktor; ANTIPOV-KARATAYEV, I.N., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KARPINSKIY, N.P., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHMISTAKOV, A.G., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; RUBIN, B.A., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KOMARNITSKIY, N.A., dotsent, nauchnyy redaktor; LYSENKO, T.D., akademik, nauchnyy redaktor; POLYAKOV, I.M., professor, nauchnyy redaktor; SHECHIGOLEV, V.N., doktor sel'skokhozyaystvennykh nauk, professor, nauchnyy redaktor; YAKUSHKIN, I.V., akademik, nauchnyy redaktor; LARIN, I.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; SMELOV, S.P., professor, doktor biologicheskikh nauk, nauchnyy redaktor; MEL'SHTAYN, V.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SHECHERBACHEV, D.M., professor, doktor meditsinskikh nauk, nauchnyy redaktor; OGOLIVETS, G.S., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor; YAKOVLEV, P.N., akademik, nauchnyy redaktor; YAKIMOV, V.P., agronom, nauchnyy redaktor [deceased], EYTINGER, G.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; TIMOFEEV, N.N., professor, nauchnyy redaktor; TUROV, S.I., professor, doktor biologicheskikh nauk; YUDIN, V.M., akademik, nauchnyy redaktor; LISKUN, Ye.F., akademik, nauchnyy redaktor; VITT, V.O., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; KALININ, V.I., kandidat sel'skokhozyaystvennykh nauk, nauchnyy redaktor.

(Continued on next card)

BENEDIKTOV, I.A.--- (continued) Card 2.

GRUBEN', I.K., akademik, nauchnyy redaktor; NIKOLAYEV, A.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; RED'KIN, A.P., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; SMIRNOV, S.I., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POPOV, I.S., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; MANTYFEL', P.A., professor nauchnyy redaktor; INIKHOV, G.S., professor, doktor khimicheskikh nauk, nauchnyy redaktor; ANFIMOV, A.N., professor, nauchnyy redaktor; GUBIN, A.F., professor, doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; POLTEV, V.I., professor, doktor veterinarnykh nauk, nauchnyy redaktor; LINDE, V.V., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; CHERGAS, B.I., professor, doktor biologicheskikh nauk, nauchnyy redaktor; NIKOL'SKIY, G.V., professor, nauchnyy redaktor; AVTOKRATOV, D.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor; IVANOV, S.V., professor, doktor biologicheskikh nauk, nauchnyy redaktor; VIKTOROV, K.P., professor, doktor veterinarnykh nauk, nauchnyy redaktor; KOLYAKOV, Ya.Ye., professor, doktor veterinarnykh nauk, nauchnyy redaktor; ANFIPIN, D.N., professor, doktor veterinarnykh nauk, nauchnyy redaktor; MARKOV, A.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; DOMRACHEV, G.V., professor, doktor veterinarnykh nauk, nauchnyy redaktor; OLIVKOV, B.M., professor, doktor veterinarnykh nauk, nauchnyy redaktor [deceased]; FLEGMATOV, N.A., professor, doktor veterinarnykh nauk, nauchnyy redaktor; BOLTINSKIY, V.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; VIL'YAMS, V.I.P., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; KRASNOV, V.S., kandidat tekhnicheskikh nauk, nauchnyy redaktor;

(Continued on next card)

BENEDIKTOV, I.A.---(continued) Card 3.

YEVREINOV, M.G., akademik, nauchnyy redaktor; SAZONOV, N.A., doktor tekhnicheskikh nauk, nauchnyy redaktor; NIKANDROV, B.I., inzhener, nauchnyy redaktor; KOSTYAKOV, A.N., akademik, nauchnyy redaktor; CHERKASOV, A.A., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; DAVITAYA, P.P., doktor sel'skokhozyaystvennykh nauk, nauchnyy redaktor; IVANOV, N.N., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; ORLOV, P.M., professor, doktor tekhnicheskikh nauk, nauchnyy redaktor; LOZA, G.M., kandidat ekonomicheskikh nauk, nauchnyy redaktor; CHERNOV, A.V., kontrol'nyy redaktor; ZAVARSKIY, A.I., redaktor; ROS-SOSHANSKAYA, V.A., redaktor; FILATOVA, N.I., redaktor; YEMEL'YANOVA, N.I., redaktor; SILIN, V.S., redaktor BRANZBURG, A.Yu., redaktor; MAGNITSKIY, A.V., redaktor terminov; KUDRYAVTSOVA, A.G., redaktor terminov; AKSENOVA, A.P., mladshiy redaktor; MALYAVSKAYA, O.A., mladshiy redaktor; FIEDOTOVA, A.F., tekhnicheskiiy redaktor

(Continued on next card)

BENEDIKTOV, I.A.---(continued) Card 4.

[Agricultural encyclopedia] Sel'skokhoziaistvennaia entsiklopediia.
Izd.3-e, perer. Moskva, Gos. izd-vo selkhoz. lit-ry. Vol.5. [T-IA.]
1956. 663 p. (MLRA 9:9)
(Agriculture--Dictionaries and encyclopedias)

INIKHOV, Georgiy Sergeevich, prof.; MAKARINOV, Mikhail Anan'yevich;
SUKHANOVA, Yekaterina Yur'yevna, kand. tekhn. nauk; SPERANSKIY,
V.G., prof., red.; MAKSIMOVICH, A.G., red.; SUDAK, D.N., tekhn.
red.

[Food products] Tovarovedenie predeval'stvennykh tovarov. Pod
red. V.3. Speranskogo. Moskva, Gos. izd-vo torg. lit-ry. Vol.2.
[Dairy, meat, and fish products] Molochnye, miasnye i rybnye
tovary. 1958. 314 p. (MIRA 11:10)

(Food)

INIHOV, G.

TECHNOLOGY

Periodical: REVISTA INDUSTRIEI ALIMENTARE. PRODUSE ANIMALE. No. 5, 1958.

INIHOV, G. Role of component parts of milk in production. p. 22.

Monthly List of East European Accession (KEAI) LD, Vol. 8, no. 3
March 1959 Unclass.

SKROBANSKIY, Georgiy Georgiyevich, prof., doktor tekhn.nauk; **KOZIN**, M.I.,
prof., sasluzhennyy deyatel' nauki i tekhniki, retsentsent;
SMIRNOV, V.S., sasluzhennyy deyatel' nauki i tekhniki, retsentsent;
[deceased]; **GRYUNER**, V.S., prof., retsentsent; **CHISTYAKOV**, F.M.,
retsentsent; **CHOGOVADZE**, Sh.K., dotsent, retsentsent; **INIKHOV**, G.S.,
prof., retsentsent; **HUKOSUYEV**, A.M., dotsent, spots.red.; **KOL-**
CHINSKAYA, M.A., red.; **SUDAK**, D.M., tekhn.red.

[Introduction to the study of foodstuffs] Vvedenie v tovarovedenie
prodoval'stvennykh tovarov. Moskva, Gos.isd-vo tovg.lit-ry, 1959.
210 p. (MIRA 13:10)

1. Moskovskiy institut narodnogo khozyaystva im. G.V.Plekhanova
(for Kozin).

(Food)

INIKHOV, G.S., prof.

Pioneer of dairy research. Zhivotnovodstvo 21 no.9:83-84
S '59. (MIRA 13:1)

(Kalantar, Avetis Airapetovich, 1859-1937)

INIKHOV, G.S., prof.; GABRIEL'YANTS, M.A., dots.; MAKAREYEV, M.A.;
SUKHANOVA, Ye.Yu., kand. tekhn. nauk; GRANOVSKAYA, I.E., red.;
EL'KINA, E.M., tekhn. red.

[Guide to food products; milk, fat, eggs, meat, and fish goods]
Tovarovedenie prodoval'stvennykh tovarov; tovary molochnye zhi-
rovy, iaichnye miasnye, rybnye. Izd.2., perer. Moskva, Gos-
torgizdat, 1961. 383 p. (MIRA 15:1)
(Food industry)

DIKKER, G.L.; DRUZHININA, L.N., kand. tekhn. nauk, dots.; ISKENDEROV, A.A.,
kand. tekhn. nauk, dots.; KLYUYEVA, T.K., kand. tekhn. nauk, dots.;
LOGOTKIN, I.S., kand. tekhn. nauk; MEL'MAN, M.Ye., kand. tekhn. nauk,
dots.; MISNIK, I.A., kand. tekhn. nauk; RUSH, V.A., dots.; RUKOSUYEVA,
A.N., dots., red.; KAFKA, B.V., prof., retsenzent; FERTMAN, G.I., dots.,
retsenzent; SOBOLEVA, M.I., dots., retsenzent; BUDNITSKAYA, R.B., kand.
tekhn. nauk, retsenzent; VOLKOV, Ye.N., kand. tekhn. nauk, retsenzent;
AREF'YEV, I.I., inzh., retsenzent; KHARITONOV, A.P., retsenzent; GUREVICH-
GUR'YEV, Ye.S., retsenzent; KUZ'MINSKIY, M.M., retsenzent; INIKHOV, G.S.,
prof., retsenzent; KHOMUTOV, B.I., dots., retsenzent; BORODINA, Z.N.,
dots., retsenzent; BORISOVA, G.A., red.; MEDRISH, D.M., tekhn. red.

[Starch, sugar, honey, confectionery products, condiments, fats, milk,
and milk products] Khrakmal, sakhar, med, konditerskie, vkusovye to-
vary, zhiry, moloko i molochnye produkty. Moskva, Gos. izd-vo torg. lit-
ry, 1961. 750 p. (MIRA 14:7)

(Food industry)

INIKHOV, Georgiy Sergeyevich, Zasl. deyatel' nauki i tekhniki, doktor
khim. nauk, prof.; BRIO, N.P., retsenzent; SEMENETS, Z.F.,
retsenzent; BOGATAYA, L.M., red.; ZARSHCHIKOVA, L.N., tekhn.
red.

[Biochemistry of milk and milk products] Biokhimiia moloka i mo-
lochnykh produktov. 2. izd. Moskva, Pishchepromizdat, 1962.
287 p. (MIRA 15:12)

(Dairy products—Analysis and examination)

INIKHOV, G.S., zasl. deyatel' nauki i tekhniki, doktor khim. nauk, prof.; SKORODUMOVA, A.M., kand. biol. nauk; SHAPIRO, L.R. [deceased]; MILYUTINA, L.A., inzh.; DEMUROV, M.G., kand. sel'khoz. nauk; LEBEDEVA, K.S., kand. sel'khoz. nauk; KYURKCHAN, V.N.; VASILEVSKIY, V.G., inzh.; SAVINOVSKIY, N.G., kand. tekhn. nauk; VEDRASHKO, V.F., kand. med. nauk; SOKOLOVSKIY, V.P., prof.; BEGUNOV, V.L., inzh.; KAZENNOVA, A.R.; VEDRASHKO, V.F., kand. med. nauk; KOSTYGOV, V.V., red.; SKURIKHIN, M.A., MOLCHANOVA, O.F., dktor biol. nauk, prof.; SPERANSKIY, G.N., zasl. deyatel' nauk, doktor med. nauk, prof.; KISINA, Ye.I., tekhn. red.

[Dairy foods] Molochnaia pishcha. Moskva, Pishchepromizdat, 1962. 419 p. (MIRA 15:10)

1. Glavnyy kulinar Ministerstva trgovli RSFSR (for Kazennova).
 2. Chlen-korrespondent Akademii meditsinskikh nauk SSSR (for Speranskiy, Skurikhin).
 3. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR (for Molchanova).
- (Cookery (Dairy products)) (Dairy products)

NIKOLAYEV, Boris Aleksandrovich; REBINDER, P.A., akademik,
retsenzent; VOLAROVICH, M.P., prof., retsenzent; INEKHOV,
G.S., prof., retsenzent; GRYUNER, V.S., prof.,
retsenzent; SHVETSOV, V.G., red.

[Measurement of the structural and mechanical properties
of food products] Izmerenie strukturno-mekhanicheskikh
svoystv pishchevykh produktov. Moskva, Ekonomika, 1964.
222 p. (MIRA 1883)

DILANYAN, Zaven Khristoforovich; INIKHOV, G.S., doktor khim.
nauk, retsenzent: OTSTIM T R. kand. sel'khoz. nauk,
spets. red.; NIKOLAYEV, A.M., kand. sel'khoz. nauk, spets. red.

[Fundamentals of cheesemaking] Osnovy syrodeltiia. Mo-
skva, Pishchevaia promyshlennost', 1965. 83 p.
(MIRA 18:7)

ININ, S.

Mekhanizirovannyi sposob izgotovleniia granul organo-mineral'nykh udobrenii Mechanized
method of making granulated organic and mineral fertilizers Moskva, Ministerstvo sel'skogo
khoziaistva SSSR, 1951 7 p. 1. Fertilizers and manures DA

BOGACHEV, Aleksey Ivanovich; ZAK, Spartak Iosifovich; SAFRONOVA,
Galina Petrovna; ININA, Klaydiya Aleksandrovna; ROBOHEN,
V.I., kand. geol.-miner. nauk, nauchn. red.; REYKHERT,
L.A., red.izd-va; GALIGANOVA, L.M., tekhn. red.

[Geology and petrology of the Yelet'ozerskiy gabbroid mas-
sif in Karelia; geology, petrography, metallogeny] Geologiya
i petrologiya elet'ozerskogo massiva gabbroidnykh porod Ka-
relii; geologiya, petrografiya, petrologiya, metallogeniya.
[By] Bogachev, A.I. i dr. Moskva, Izd-vo AN SSSR, 1963. 159 p.
(MIRA 16:10)

(Karelia--Gabbro)

ININA, K.A.

Dikes of diabasic porphyrites in the Lake Yeltonzero region
(northern Karelia). Trudy Kar. fil. AN SSSR no. 26:119-132
'61. (MIRA 14:7)

(Dikes (Geology))
(Yeltonzero Lake region—Porphyrites)

INKARBAYEV, Z.; BOLGOZHIN, Sh.O., dotsent

Technical and economic basis for the depth of crosscutting under
the conditions of the Karaganda Basin. Sbor. nauch. trud. Kaz
GMI no.19:140-147 '60. (MIRA 15:3)
(Karaganda Basin--Coal mines and mining)

INKAROV, M. G.: Master Med Sci (diss) -- "The problem of the epidemiology of tuberculosis and its course among the population of animal herders in the Kazakh SSR". Dzhambul, 1958. 10 pp (Kazakh State Med Inst, Dzhambul Oblast Antituberculosis Dispensary), 350 copies (KL, No 7, 1959, 129)

EXCERPTA MEDICA Sec 5 Vol. 10/10 Pathology Oct 57

3107. INKE G. and CSANÁDY Gy. Inst. of Anat., Med. Univ., Budapest. * Use
of arbocoll H for the preparation of dry specimens ACTA
MORPH. ACAD.SCIENT. HUNG. (Budapest) 1956, 7/2 (237-238)
Arbocoll H is a formaldehyde-carbamide condensation product used in woodcraft.
It is also suitable material for the preparation of dry anatomical specimens. Pro-
parations thus made are not fragile and do not shrink. The method used is describ-
ed in detail. Juhász - Budapest (I, 5)

INTE, G.

INKE, Gabor

~~Ear model for teaching purposes. Ful orr gegogy. no.3:121-125~~
Oct 57.

1. A Budapesti Orvostudományi Egyetem Anatómiai Intézetének (igazgató:
Kiss Ferenc) közleménye.
(EAR, anat. & histol.
model for teaching purposes (Hum))

HUNGARY/General Problems of Pathology - Experimental Therapy.

U-3

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75480

Author : Gati, Eva; Inke, G.; Bejtai, A.; Gyarfas, J.

Inst : Hungarian Academy of Sciences.

Title : Cytologic Changes in Cells of Ascitic Carcinoma of Ehrlich, Particularly of Nuclei and Nucleoli, Under the Influence of Nitrous Derivative of Yperite.

Orig Pub : Acta morphol. Acad. Sci. hung., 1957, 7, No 3, 343-350

Abstract : Three-month-old mice were inoculated intraperitoneally with 1 million of cells of an ascitic carcinoma of Ehrlich. Degenerative changes of tumor cells were studied in smears and sections taken from separate portions of ascites, obtained through tapping of mice before and after introduction of DL₅₀ preparations of methyl-bis-(β -chloroethyl)-amine at a dosage of 2 γ /g, triethylenemelamine (TEM)

Card 1/2

- 10 -

HUNGARY/General Problems of Pathology - Experimental Therapy

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000618610017-1"

Abs Jour : Ref Zhur - Biol., No 16, 1958, 75480

at a dosage of 5 γ /g or Hydrochloride 1.6 bis-(β -chloroethylaniline)-1.6-desoxy-D-mannitol BSM) at a dosage of 100 γ /g. 22 mice were taken per dose. The studied preparations produce an increase in the volume of tumor cells, nuclei and nucleoli ~ 90%; furthermore the cells and nuclei reach maximum size after 24 hours, while the nucleoli do already after 1-3 hours. Apparently the change of nucleoli size is the finest early indicator of functional and morphologic disturbances. After 72 hours the action of the preparation clearly decreases. The preparations produced disintegration of nuclear chromatin. Under influence of TEM, chromatin dispersed and the volume of the nucleus as compared to the initial volume increased by 60% after 12 hours and twice after 24 hours. Sharp differentiations in the action of the studied preparations were not noted. -- S.A. Syrkina-Kruglyak.

Card 2/2

L 63373-65 HWT(m) Feb DIAAP OS

ACCESSION NR: AT5014858

UR/0000/65/000/000/0089/0097

AUTHOR: Inkin, A. A.

TITLE: Quantitative determination of yttrium in its preparations containing Y-90 isotope 19

SOURCE: Metody analiza radioaktivnykh preparatov (Methods for analyzing radioactive preparations); sbornik statey. Moscow, Atomizdat, 1985, 89-97

TOPIC TAGS: yttrium, spectrophotometry, complex compounds, chemical analysis

ABSTRACT: The quantitative determination of yttrium in medicinal preparations containing Y-90 isotope is necessary when studying their physico-chemical properties as well as in the course of their production. In the present work yttrium was determined in glucose solutions and colloidal dispersion of indium fluoride, silicate and phosphate containing Y-90 isotope, by the colorimetric method, using arsenazo I. The absorption curves of yttrium arsenazo I complex and arsenazo alone are shown in Fig. 1 of the Enclosure. The relative error for the determination of yttrium in the concentration range of 0.1 - 4.5 μ g/ml was \pm 3% in the 40% glucose solution and colloidal dispersions of yttrium fluoride and silicate. For yttrium

Card 1/3

L 63373-65

ACCESSION NR: AT5014858

phosphate the precision was of the order of $\pm 15\%$. In the analysis of colloidal dispersions it was necessary to destroy organic substances and to convert them to true solutions. This was achieved by evaporation with a nitric sulfuric acid mixture. The analyzed solutions were kept at pH 8-0.2. Yttrium was separated from phosphate solutions by coprecipitation with calcium oxalate. Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 01

SUB CODE: GC

NO REF SOV: 007

OTHER: 007

Card 2/3

L 63373-65

ACCESSION NR: AT50:4858

ENCLOSURE: 01

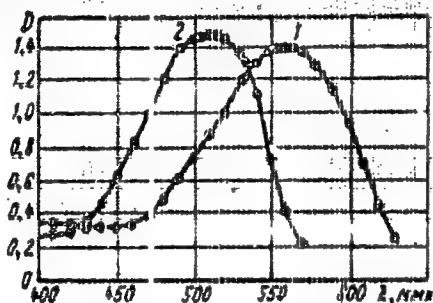


Fig. 1. Absorption curves of yttrium-arsenazo-I complex (1) and arsenazo I alone (2). Final volume of solution was 25 ml, pH 8: 1--2 ml of 10^{-3} M arsenazo I solution and 2 ml of $9.6 \cdot 10^{-4}$ M solution of YCl_3 ; 2--2 ml of 10^{-3} M arsenazo-I solution.

Card 3/3

L 1406-66

ACCESSION NR: AF5016340

UR/0281/65/000/003/0077/0081
537.212

AUTHOR: Inkin, A. I. (Novosibirsk)

TITLE: Calculation of the field of an isolated charged cylinder with convex surface

SOURCE: AN SSSR. Izvestiya. Energetika i transport, no. 3, 1965, 77-81

TOPIC TAGS: electric field, electric field calculation

ABSTRACT: A method is suggested for calculating the planar electrostatic field of an isolated charged cylinder that has an arbitrary convex cross-section shape. The field strength at any point $M(r, \alpha)$ is: $E = E^*(r, \alpha)$, where E^* is a vector function determining the orientation and $f(r, \alpha)$ is a scalar function that corrects E . A general solution of the problem is given as:

$$E = E^* \exp \left\{ \int_r \frac{E^* \operatorname{rot}_z E^* - E^* \operatorname{div} E^*}{E^*} da \right\}$$

Card 1/2

L 1106-66

ACCESSION NR: AP5016340

The method is claimed to be applicable also to r-f electromagnetic fields, when the conductor cross-section outline can be taken as a line of force of the magnetic field strength. (Orig. art. has: 4 figures and 31 formulas.

ASSOCIATION: none

SUBMITTED: 15Jan65

NO REF SOV: 000

ENCL: 00

SUB CODE: EN

OTHER: 000

Card 2/2 DP

REVUT, I.B., kand. sel'skokhoz. nauk; INKIN, L.A., aspirant

Cultivation of soil for sugar beets. Zemledelie 27 no.8:
47-49 Ag '65. (MIRA 18:11)

1. Agrofizicheskiy nauchno-issledovatel'skiy institut.

INKIN, P.G., rentgenolaborant (Perm')

Mariia Mikhailevna Shubina. Med. sestra 20 no.7:50 J1 '61.
(MIRA 14:10)

(SHUBINA, MARIIA MIKHAILOVNA)

KARZHAVIN, Yu.A.; CHUVILO, I.V.; KIR'LOV, S.S.; INKIN, V.D.; GOLUTVIN, I.A.;
NEUSTROYEV, V.D.; STEPANOV, V.D.; TULAYEV, B.P.; KOLESOV, I.V.;
ALMAZOV, V.Ya.; PROKOP'YEV, Yu.P.; SHINAGL, I.

Device for automatic measurement of the coordinates of charged
particle tracks recorded on bubble chamber photographs. Prib.
i tekhn. eksp. 8 no.5:54-60 S-0 '63. (MIRA 16:12)

1. Ob'yedinennyy institut yadernykh issledovaniy.

ACCESSION NR: AP4018373

S/0120/64/000/001/0097/0100

AUTHOR: Golutvin, I. A.; Inkin, V. D.; Karzhavin, Yu. A.; Mal'tsev, E. I.;
Neustroyev, V. D.; Stepanov, V. D.; Chan, I.

TITLE: Measuring multiple-scattering parameters from the pattern of tracks in
a xenon chamber

SOURCE: Pribury* i tekhnika eksperimenta, no. 1, 1964, 97-100

TOPIC TAGS: multiple scattering, multiple scattering measurement, ionization
chamber, xenon ionization chamber, BMI microscope, scattering measurement
BMI microscope

ABSTRACT: A BMI microscope was equipped with a step-feed mechanism and a
translation sensor based on the diffraction-grating principle. Electronic equip-
ment includes a data-processing unit, a binary reversible counter, a
transcription-to-punch-tape control, and a keyboard for introducing additional

Card 1/81

ACCESSION NR: AP4018373

data into the tape. The instrument, whose functional diagram is shown in Enclosure 1, permits 4-5 times quicker data processing. The instrument has been in actual operation since March, 1962; its output agrees with the manual-processing output to within 3%. "The authors wish to thank I. V. Chuvilo for a few valuable hints and comments made by him during the development of this instrument." Orig. art. has: 10 figures.

ASSOCIATION: Ob'yedinennyy institut yadernykh issledovaniy (Joint Nuclear Research Institute)

SUBMITTED: 13Mar63

DATE ACQ: 18Mar64

ENCL: 01

SUB CODE: NS

NO REF SOV: 002

OTHER: 001

Card 2/31

INKIN, V.F.; GERBIL'SKIY, G.Yu. [Herbil's'kyi, H.Iu], otv.red.; KVITKO,
I.S., red.; SARANYUK, T.V., tekhnred.

[Study of the economic development of Lvov in the 18th century]
Narys ekonomichnogo rozvytku L'vova u XVIII stolitti. L'viv,
Vyd-vo L'vivs'koho univ., 1959. 89 p. (MIRA 13:1)
(Lvov--Economic conditions)

VOL'F, L.A.; MEDS, A.I.; INKINA, S.A.

Complexometric determination of sodium sulfate in precipitation
baths in the manufacture of synthetic fibers. Khim.volok. no.1:
32-33 '60. (MIRA 13:6)

1. Leningradskiy tekstil'nyy institut.
(Textile fibers, Synthetic) (Sodium sulfate)

VOL'F, L.A.; MEOS, A.I.; IRKINA, S.A.; GUS'KOV, L.I.

Causes of the yellowing of vinol (vinylon) in the course of its thermal treatment, and means for its prevention. Khim.volok. no.1: 19-21 '61. (MIRA 14:2)

1.Leningradskiy tekstil'nyy institut imeni S.M.Kirova.
(Vinylon)

VOL'F, L.A.; MEOS, A.I.; INKINA, S.A.

Modified method for the complexometric determination of
components in precipitation baths. Khim.volok. no.3:33-35 '61.
(MIRA 14:6)

1. Leningradskiy tekstil'nyy institut imeni S.M.Kirova.
(Viscose)
(Complex ions)

VOIAP, I.A.; Zhur, S.A.

Effect of the components of acetalating baths on the process
of treatment of polyvinyl alcohol fibers by aldehydes. Zhur.
prikl. khim. 37 no.6:1384-1386 Ja '64.

(MIRA 18:3)

ACC NR: AP6025618

(N)

SOURCE CODE: UR/0413/66/000/013/0075/0075

INVENTORS: Vol'f, L. A.; Meos, A. I.; Inkina, S. A.

ORG: none

TITLE: A method for obtaining ion-exchanging fibers and fabrics. Class 39, No. 183375

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 75

TOPIC TAGS: ion exchange, fiber, fabric, polyvinyl, alcohol, aldehyde

ABSTRACT: This Author Certificate presents a method for obtaining ion-exchanging fibers and fabrics by acetalizing with aldehydes the fibers and fabrics based on polyvinyl alcohol. To obtain ion-exchanging materials, aldehydes containing amino groups or pyridone cycles are used as aldehydes. The acetylyzed haloid product is then alkylated and treated with a base.

SUB CODE: 11/ SUBM DATE: 14Dec61

07/

Card 1/1

UDC: 661.183.12:677.49.744.72:677.862.22

GROMOV, K. Ya.; DANAGULYAN, A. S.; MURAV'YEVA, V. V.; INKITYUK, L. N.; SOROKIN, A. A.
SHTAL', M. Z.

"Investigations of the Decay of $\text{Nd}^{139\text{m}}$ ($t_{1/2} = 5.5$ hr.)."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

OIYaI (Joint Inst Nuclear Res)

ANGELOV, St., Akad., prof., dr.; GULUBOV, S., dr.; INKOLOV, P., dr.

Maldun's and electrophoretic studies on blood serum in recurrent iridocyclochoroiditis in horses. Izv. mikrob. inst., Sofia 7:17-22 1956.

- (IRIDOCTYLITIS,
 iridocyclochoroiditis in horses, determ. of complement &
 blood proteins (Bul))
- (COMPLEMENT, determination,
 in iridocyclochoroiditis in horses (Bul))
- (BLOOD PROTEINS, in various diseases,
 iridocyclochoroiditis in horses, electrophoresis (Bul))
- (HORSES, diseases,
 iridocyclochoroiditis, determ. of complement & blood
 proteins (Bul))
- (CHOROIDITIS,
 iridocyclochoroiditis in horses, determ. of complement
 & blood proteins (Bul))

INKOV, A. Ya.

USSR/ Electronics - Cathode ray tubes

Card 1/1 : Pub. 22 - 22/44

Authors : Stekol'nikov, I. S.; Inkov, A. Ya.; and Chernushenko, A. M.

Title : A new feeding system for a pulse oscillograph

Periodical : Dok. AN USSR 98/6, 969-972, October 21, 1954

Abstract : A new method for feeding cathode ray tubes of various types is described. The method consists of applying overcharged (with respect to a normal voltage of a tube), a short, almost square wave type, negative pulses to the cathodes of the tubes. The method found a great application in the cathode ray tube industry for it helped to diminish the dimensions, weight, and cost of the tubes. Four Russian references (1944-1953). Diagrams.

Institution: Power Engineering (Energetic) Institute im. G. M. Krzhizhkovskiy of the Acad. of Scs. of the USSR

Presented by: Academician A. V. Vinter, May 12, 1954

INKOV, A.Ya., Cand Tech Sci--(dies) "Experimental study of ^{the} leader stage
of long sparks." Mos, 1958. 15 pp with drawings (Lead Sci USSR. Power
Engineering Inst im G.M.Krzhizhanovskiy), 150 copies (KL, 46-58, 140)

- 35 -

SOV/30-58-10-12/53

AUTHORS: Inkov, A. Ya., Stekol'nikov, I. S., Doctor of Technical Sciences

TITLE: Electron Oscillograph (Elektronnyy ostsillograf)

PERIODICAL: Vestnik Akademii nauk SSSR, 1958, Nr 10, pp 67-70 (USSR)

ABSTRACT: In the laboratoriya vysokovol'tnogo gazovogo razryada Energeticheskogo instituta im. G. M. Krzhizhanovskogo Akademii nauk SSSR (Laboratory for High-Voltage Gas Discharge of the Institute of Energetics imeni G. M. Krzhizhanovskiy of the AS USSR) a portable oscillograph was developed (Fig 1). It has a time resolving property of $5 \cdot 10^{-10}$ sec/mm and is intended for investigations of short-time electric processes in high-voltage engineering. Its measurements are: length: 580 mm; height: 450 mm; width: 270 mm; weight: 21,5 kg. It is fed with 220-V current from the electric-supply line and has a maximum power absorption of 200 W. The high-vacuum and high-voltage valves presently produced by Soviet industry permit a recording speed of more than 100 000 km/sec. The electric scheme of this oscillograph is shown in figure 2 and subsequently described in detail. The electron oscillograph is of greatest importance for

Card 1/2

Electron Oscillograph

SOV/30-58-10-12/53

modern measuring techniques. There are 2 figures.

Card 2/2

35363

S/057/62/032/003/010/019

B111/B102

26.7311

AUTHORS: Gorin, B. N., and Inkov, A. Ya.

TITLE: Study of a spark channel

PERIODICAL: Zhurnal tekhnicheskoy fiziki, v. 32, no. 3, 1962, 329 - 337.

TEXT: The processes taking place in a long spark channel are considered and the discharge parameters are determined. The spark discharge was induced between a rod and a plane electrode (gap 3m - 30 cm). The discharge parameters can be determined only indirectly. For this purpose measurements were made twice under the same conditions. In one case a probe was introduced near the positive rod. Method: synchronous recording of the current in the long spark channel and of the development of the channel in the short space between rod and probe, and simultaneous recording of the potential drop across the gap between rod and probe. Subsequently, the probe was removed, and the current and the development of the channel across the entire gap were recorded under the same conditions. Results: Three stages can be distinguished in the development of the channel (Measurement without probe): the so-called leader stage, i. e. an X
Card 1/2

Study of a spark channel

S/057/62/032/003/010/019
B111/B102

initial stage in which the space between rod and probe is connected by a conductive channel, the reverse stage in which the processes of charge neutralization take place, and the final stage with discharge through the channel. It has been found that with increasing leader current the cross section of the leader channel increases. In the leader stage the effect of the probe is only slight so that the dependence of the channel form on amperage and magnitude of the parameters are the same for the spark gap with and without probe. Finally, the formation of the channel is explained by rough estimates of the channel parameters. The authors thank Professor I. S. Stekol'nikov for his interest. There are 6 figures, 1 table, and 9 references: 8 Soviet and 1 non-Soviet. The reference to the English-language publication reads as follows: L. B. Loeb, Phys. Rev., 94, 2, April, 1954.

SUBMITTED: December 6, 1960 (initially) April 21, 1961 (after revision)

Card 2/3

S/531/62/000/136/005/007
A052/A101

AUTHOR: In'kov, B. K.

TITLE: Investigation of recording methods of atmospheric used for
evaluating the thunderstorm activity

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy.
no. 136, 1962. Atmosfernoye elektrichestvo, 35 - 52

TEXT: A number of problems connected with the cathode direction-finding of thunderstorms is discussed. A general characteristic of the equipment used in the USSR and abroad is given. The results of direction-finding and the possibilities of eliminating errors are evaluated. It is pointed to the discrepancy between the studies directed to working out the new methods of direction-finding and the development of the method universally used at present. The work of the network can be improved either by introducing new auxiliary methods of observation maintaining the traditional method as a basic one or by replacing all equipment, communication lines and other auxiliary appliances and discarding completely

Card 1/2

Investigation of recording methods

B/531/62/000/136/003/007
A052/A101

the direction-finders used. The latter way is difficult to implement in a short time, therefore the way of a fuller utilisation of available reserves is the most practicable at present. The quality of data depends first of all on the synchronism of observations. In this connection a detailed description and the basic circuit of a command-synchronising relay and of a coincidence indicator are given. A special place is devoted to the description and evaluation of the "hyperbola-bearing" method which may prove promising on account of its versatility and simplicity. Assuming that atmospheric propagate in the earth-ionosphere waveguide at the velocity of light, it is possible to determine the distance from the time taken to cover a certain distance; a certain difference between the distances to a source corresponds to the time difference Δt between the arrivals of the atmospheric at two given points. Consequently to each value of Δt corresponds also a certain hyperbola. The point of intersection of the bearing with the hyperbola found by the value of Δt , indicates the location of the source. There are 4 figures and 1 table.

Card 2/2

L 01788-66 EW1(1)/PCC GM/MS-4

ACCESSION NR: NI5019949

UR/2531/65/000/177/0042/0045

AUTHOR: In'kov, B. K.

TITLE: Some characteristic features of the shapes of distant atmospherics

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 177, 1965. Atmosfernoye elektrichestvo (Atmospheric electricity), 42-45

TOPIC TAGS: radio noise, interference atmospherics, measurement

ABSTRACT: Stations near Kiev and Leningrad conducted studies of distant atmospherics with the use of identical apparatus. Equipment for each station consisted of a vertical antenna (10 m), a cathode follower, an amplifier (20 cps--200 kc passband, with 80- μ sec delay line), and two oscilloscopes with sweep durations of 200 and 800 μ sec. For every atmospheric registered, the number of half-waves n (amplitude, no less than 0.2 of the maximum) were determined. These distant atmospherics appeared primarily from the east, west, and northwest. As n increased, there was a corresponding increase in distance of the atmospherics from their sources, ranging from 1800 km at $n = 3$ to 3900 at $n = 10$. A formula was established relating the change in quasi-half-period duration with the distance of atmospherics from the source. Orig. art. has: 4 tables, 4 formulas, and 4 figures.

Card 1/2

[PW]

L 01768-66

ACCESSION NR: A15019949

ASSOCIATION: Glavnaya geofizicheskaya observatoriya, Leningrad (Main Geophysical Observatory)

SUBMITTED: 00

ENCL: 00

SUB CODE: ES, EC

NO REF SOV: 001

OTHER: 004

ATD PRESS: 4086

Card 2/2

ACC NR: AT0014851

SOURCE CODE: UR/2531/66/000/188/0034/0037

AUTHOR: In'kov, B.K.

ORG: None

TITLE: Control generator for the checkout of direction finders for atmospherics

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 188, 1966.
Atmosfernoye elektrichestvo (Atmospheric electricity), 34-37

TOPIC TAGS: atmospherics, direction finding, direction finder, atmospherics direction
finder, direction finder checkout, direction finder control generator

ABSTRACT: This paper discusses checkout for direction finders used in the location of
atmospherics. Present models had only angular checkout capability of internal errors.
Capability to find errors related to external causes, such as soil conductivity vari-
ations, was needed. Ideally, a moving artificial outside transmitter would do, but
this scheme had obvious difficulties. It was decided to use available low frequency
(9-25kc) radio stations for angular error checkout, and to adopt the heterodyne recei-
ving method. The control generator was modified by adding output capability between
16 and 35 kc. Generator block diagram is shown. Statistical results of error observa-
tions of radio stations direction finding are communicated. The errors do not exceed
2 degrees, on the average. Orig. art. has 2 figures.

SUB CODE: 04, 17/

SUBM DATE: None/

ORIG REF: 001

Card 1/1

ACC NR: AT0014852

SOURCE CODE: UR/2531/66/000/188/0038/0044

AUTHOR: In'kov, B. K.

ORG: None

TITLE: Display activation block of the atmospheric direction finder

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 188, 1966.
Atmosfernoye elektrichestvo (Atmospheric electricity), 38-44

TOPIC TAGS: atmospheric, direction finding, direction finder, atmospheric direction
finder, direction finder display

ABSTRACT: This paper is an account of malfunctions and of modifications made to improve the display and usefulness characteristics of standard atmospheric direction finders used by the thunderstorm location network of the Gidrometsluzhba (Hydrometeorological Service) of the SSSR. A direction finder with the modified display activation block has been now in satisfactory operation since Sept. 1964 at the Leningrad atmospheric direction finding base. Malfunctions of the standard equipment were basically those of the display initiation block. This unit should (but did not) permit consistent uniform activation starts of the displays at the commanded precise amplitude levels; also, it should not be (but often was) subject to multiple display images, due to the so called "night effect" of the space and surface radio waves. Modifications made to guarantee fulfillment of the above requirements are described. These

Card 1/2

ACC NR: AT6014852

included: 1) a shortened activation cycle - 150-180 microseconds instead of the standard 2.5 milliseconds 2) an improved input amplifier to handle the new 3) - bistable trigger circuit designed to prevent repeated spurious activations and 4) - an improved atmospheric counter capable of counting exactly at over commanded excess intensity levels. An additional modification based upon the use of photoresistors was introduced to enable receiving atmospheric signal only from chosen commanded azimuths. Orig art. has 1 figure.

SUB CODE: 04, 17/

SUBM DATE: None/

ORIG REF: 003/

OTH REF: 001

Card 2/2

L 64770-65

ACCESSION NR. AT5019951

2

... .. with amplitudes up to 10 up
... .. with the use of the first sensitivity
... .. for approaching storms. Orig. art. has 1 figure
[14]

... .. observatoriya, Leningrad [Main Geophysical

and 2 tables.

APPROVED BY: 412-100-8900 *Sinichinskaya observatoriya, Leningrad*

Geophysical

Съставителю

ATTACHED: 2

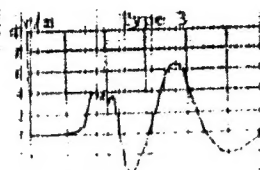
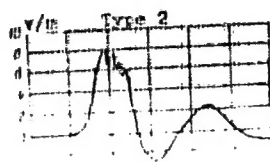
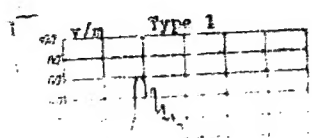
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ENCL: - 02

DATE: 000

BLDG CODE: LA, EC

ATD PRESS: 4/22



ALB 6 10 11 15

Card 3/4

L 64770-65

ACCESSION NR: ATSOV-951

ENCLOSURE 02

1. The first part of the document is a list of the names of the persons who were present at the meeting. The names are listed in alphabetical order. The names are: [illegible]